

Amendments to the Specification:

*Please insert the following paragraph after the title:*

**Cross-Reference to Related Applications**

This application is the National Stage of International Application No. PCT/FR03/002075, filed July 4, 2003, which claims the benefit of French Patent Application Serial No. 02/09,599, filed on July 29, 2002. The contents of both applications are hereby incorporated by reference in their entireties.

*At page 1, after the new paragraph "Cross-Reference to", insert a new subheading:*

Field of the Invention

*At page 1, line 6, after the first paragraph, insert a new subheading:*

Background of the Invention

*At page 4, in the blank space above the paragraph beginning "The subject of this invention" insert a new subheading:*

Brief Summary of the Invention

*At page 10, line 18, insert a new subheading:*

Brief Description of the Drawings

*Please amend the paragraph beginning at page 10, line 9, as follows:*

~~The invention will be better understood on reading the description of a preferred exemplary implementation which follows with reference to the adjoining drawings in which:~~  
~~[[f]]~~Figure 1 shows a possible representation in memory of a protocol graph[[, ]]; and  
~~[[f]]~~Figures 2 and 3 are flowcharts of the method in accordance with the invention.

*At page 10, line 27, in the blank space above the paragraph beginning "With reference to figure 1" insert a new subheading:*

Detailed Description of the Invention

*Please add the following new abstract:*

The method uses a network for protocol self identification for recognizing determinative data by the naming given among data transmitted through a detected connection, and an empty or nonempty list of protocol usable namings called son protocols associated with each usable protocol naming called a father protocol. The kernel of an information system associates to each detected connection a data structure arranged so that it comprises an ordered sequence of the used protocol namings. The kernel builds the data structure by retrieving the son protocol namings in the list associated to the last naming of said ordered sequence, the son protocol naming for which the associated self identification mechanism recognizes determinant data among transmitted data by adding the retrieved son protocol naming to the end of the sequence and by restarting to retrieve the son protocol naming for which the associated self identification mechanism recognizes determinant data among transmitted data.